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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/987,137

DATE: 11/27/2001

TIME: 11:25:39

Input Set : N:\Crf3\RULE60\09987137.txt

Output Set: N:\CRF3\11272001\I987137.raw

ENTERED

5 <110> APPLICANT: Verheijden, Gijsbertus Franciscus Maria  
 7 Boots, Anna Maria Helena  
 11 <120> TITLE OF INVENTION: Novel Peptides for use in Treatment of T-cell Mediated  
 13 Cartilage Desctruction in Auto-immune Diseases  
 17 <130> FILE REFERENCE: Verheijdenseq  
 19 <140> CURRENT APPLICATION NUMBER: 09/987,137  
 21 <141> CURRENT FILING DATE: 2001-11-13  
 23 <150> PRIOR APPLICATION NUMBER: 08/981,340  
 25 <151> PRIOR FILING DATE: 1997-12-18  
 29 <150> PRIOR APPLICATION NUMBER: PCT/EP96/02605  
 31 <151> PRIOR FILING DATE: 1996-06-17  
 35 <160> NUMBER OF SEQ ID NOS: 12  
 39 <170> SOFTWARE: PatentIn Ver. 2.0  
 43 <210> SEQ ID NO: 1  
 45 <211> LENGTH: 13  
 47 <212> TYPE: PRT  
 49 <213> ORGANISM: Homo sapiens  
 53 <220> FEATURE:  
 55 <221> NAME/KEY: PEPTIDE  
 57 <222> LOCATION: (1)..(13)  
 59 <223> OTHER INFORMATION: Xaa on pos 5 = A or S; Xaa on pos 7 = Q, R, or G;  
 61 Xaa on pos 8 = T or S; Xaa on pos 9 = V or L; Xaa  
 63 on pos 10 = R or Q  
 67 <400> SEQUENCE: 1  
 W--> 69 Ala Gly Trp Leu Xaa Asp Xaa Xaa Xaa Xaa Tyr Pro Ile  
 71 1 5 10  
 77 <210> SEQ ID NO: 2  
 79 <211> LENGTH: 13  
 81 <212> TYPE: PRT  
 83 <213> ORGANISM: Homo sapiens  
 87 <220> FEATURE:  
 89 <221> NAME/KEY: PEPTIDE  
 91 <222> LOCATION: (1)..(13)  
 93 <223> OTHER INFORMATION: Xaa on pos 5 = A or S; Xaa on pos 7 = Q, R, or G;  
 95 Xaa on pos 8 = T or S; Xaa on pos 10 = R or Q  
 99 <400> SEQUENCE: 2  
 W--> 101 Ala Gly Trp Leu Xaa Asp Xaa Xaa Leu Xaa Tyr Pro Ile  
 103 1 5 10  
 109 <210> SEQ ID NO: 3  
 111 <211> LENGTH: 13  
 113 <212> TYPE: PRT  
 115 <213> ORGANISM: Homo sapiens  
 119 <400> SEQUENCE: 3  
 121 Ala Gly Trp Leu Ala Asp Gln Thr Val Arg Tyr Pro Ile  
 123 1 5 10  
 129 <210> SEQ ID NO: 4  
 131 <211> LENGTH: 13

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133 <212> TYPE: PRT
135 <213> ORGANISM: Homo sapiens
139 <400> SEQUENCE: 4
141 Ala Gly Trp Leu Ala Asp Arg Ser Val Arg Tyr Pro Ile
143   1           5           10
149 <210> SEQ ID NO: 5
151 <211> LENGTH: 13
153 <212> TYPE: PRT
155 <213> ORGANISM: Homo sapiens
159 <400> SEQUENCE: 5
161 Ala Gly Trp Leu Ala Asp Gly Ser Leu Arg Tyr Pro Ile
163   1           5           10
169 <210> SEQ ID NO: 6
171 <211> LENGTH: 13
173 <212> TYPE: PRT
175 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 6
181 Ala Gly Trp Leu Ser Asp Gly Ser Val Gln Tyr Pro Ile
183   1           5           10
189 <210> SEQ ID NO: 7
191 <211> LENGTH: 13
193 <212> TYPE: PRT
195 <213> ORGANISM: Homo sapiens
199 <400> SEQUENCE: 7
201 Pro Lys Phe Val Lys Gln Asn Thr Leu Lys Leu Ala Thr
203   1           5           10
209 <210> SEQ ID NO: 8
211 <211> LENGTH: 24
213 <212> TYPE: PRT
215 <213> ORGANISM: Homo sapiens
219 <220> FEATURE:
221 <221> NAME/KEY: PEPTIDE
223 <222> LOCATION: (22)
225 <223> OTHER INFORMATION: Xaa on pos 22 is any amino acid
229 <400> SEQUENCE: 8
231 Ser Ser Ala Gly Trp Leu Ala Asp Arg Ser Val Arg Tyr Pro Ile Ser
233   1           5           10           15
W--> 237 Lys Ala Arg Pro Asn Xaa Gly Gly
239           20
245 <210> SEQ ID NO: 9
247 <211> LENGTH: 20
249 <212> TYPE: PRT
251 <213> ORGANISM: Homo sapiens
255 <400> SEQUENCE: 9
257 Asn Ala Gly Trp Leu Ser Asp Gly Ser Val Gln Tyr Pro Ile Thr Lys
259   1           5           10           15
263 Pro Arg Glu Pro
265           20
271 <210> SEQ ID NO: 10

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273 <211> LENGTH: 20
275 <212> TYPE: PRT
277 <213> ORGANISM: Homo sapiens
281 <400> SEQUENCE: 10
283 Asp Ala Gly Trp Leu Ala Asp Gly Ser Val Arg Tyr Pro Ile Ser Arg
285   1           5           10           15
289 Pro Arg Lys Arg
291           20
297 <210> SEQ ID NO: 11
299 <211> LENGTH: 24
301 <212> TYPE: PRT
303 <213> ORGANISM: Homo sapiens
307 <400> SEQUENCE: 11
309 Gly Gly Leu Asp Trp Cys Asn Ala Gly Trp Leu Ser Asp Gly Ser Val
311   1           5           10           15
315 Gln Tyr Pro Ile Thr Lys Pro Arg
317           20
323 <210> SEQ ID NO: 12
325 <211> LENGTH: 36
327 <212> TYPE: PRT
329 <213> ORGANISM: Homo sapiens
333 <400> SEQUENCE: 12
335 Glu Gln Leu Phe Ala Ala Tyr Glu Asp Gly Phe Glu Gln Cys Asp Ala
337   1           5           10           15
341 Gly Trp Leu Ala Asp Gln Thr Val Arg Tyr Pro Ile Arg Ala Pro Arg
343           20           25           30
347 Val Gly Cys Tyr
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/987,137

DATE: 11/27/2001

TIME: 11:25:40

Input Set : N:\Crf3\RULE60\09987137.txt

Output Set: N:\CRF3\11272001\I987137.raw

L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8